

Asia Pacific Automotive High Voltage Cable Market Forecast to 2030 - Regional Analysis - by Vehicle Type [(Battery Electric Vehicles (BEV), Plugin Hybrid Electric Vehicles (PHEV), Plugin Hybrid Vehicles (PHV)], Conductor Type (Copper and Aluminum), and Core Type (Multi Core and Single Core)

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Abstracts

The Asia Pacific automotive high voltage cable market was valued at US\$ 1,941.67 million in 2022 and is expected to reach US\$ 3,850.53 million by 2030; it is estimated to grow at a CAGR of 8.9% from 2022 to 2030.

Increasing Usage of Advanced Features in Vehicles Fuels the Asia Pacific Automotive High Voltage Cable Market

Governments, private companies, and industry players have substantially invested in the development of EVs and innovative features of EVs to decrease the reliability on fossil fuel vehicles. To meet the diverse needs of EV users, manufacturers such as WAI, Leoni, and Green Cell have introduced a range of EV charging cables. These cables adhere to different charging standards and specific power transmission requirements, making them compatible with vehicles of Audi, BMW, Tesla, and other well-known brands. Manufacturers have obtained TUV certification for their cables, ensuring safety and quality standard compliance. Extension cables have also been introduced, extending existing charging cables and enhancing convenience for EV owners. These new features introduced in high voltage cables help reduce charging time and minimize power losses during transmission.

Additionally, new features such as liquid-cooled solutions and improved durability have increased the performance and reliability of the cables. As the world transitions toward a greener and sustainable future, governments across the world recognize the importance of promoting EV adoption and reducing emissions. They are investing in expanding

alternatives to conventional automotive options. With anticipated technological advancements, policy changes, and market dynamics further shaping the industry. Therefore, there will be a rising demand for high voltage cables with innovative features ensuring safer and higher performance in the coming years.

Asia Pacific Automotive High Voltage Cable Market Overview

Asia Pacific is witnessing rapid economic growth and an increase in the disposable incomes of middle-class consumers, which are the prominent factors responsible for the surge in demand for electric vehicles. Several Asia Pacific countries, including China, witnessed a rise in EV adoption, while others are in the preliminary stages of the transition. In developing countries, many barriers, such as high acquisition costs, the need for new safety and technical standards, and costs for developing charging infrastructure, are hampering the adoption of EVs. Asia Pacific experienced one of the leading global e-mobility revolutions, which created huge opportunities for market players to reduce air pollution and raise the quality of public transport in the region. Governments of various countries in Asia Pacific are taking various initiatives on electric mobility. In August 2022, The Economic and Social Commission of Asia and Pacific (ESCAP) launched an initiative on electric mobility to promote the growth of electric mobility in public transport to reduce vehicle emissions and dependence on fossil fuels for transport operations.

Asia Pacific Automotive High Voltage Cable Market Revenue and Forecast to 2030 (US\$ Mn)

Asia Pacific Automotive High Voltage Cable Market Segmentation

The Asia Pacific automotive high voltage cable market is segmented into vehicle type, conductor type, core type, and country.

Based on vehicle type, the Asia Pacific automotive high voltage cable market is segmented into battery electric vehicles (BEV), plugin hybrid electric vehicles (PHEV), plugin hybrid vehicles (PHV). The battery electric vehicles (BEV) segment held the largest market share in 2022.

Based on conductor type, the Asia Pacific automotive high voltage cable market is bifurcated into copper and aluminum. The copper segment held a larger market share in 2022.

Based on core type, the Asia Pacific automotive high voltage cable market is segmented into multi core and single core. The multi core segment held a larger market share in 2022.

Based on country, the Asia Pacific automotive high voltage cable market is segmented into China, Japan, South Korea, India, and the Rest of Asia Pacific. China dominated the Asia Pacific automotive high voltage cable market in 2022.

ACOME Co, Coroplast Fritz Muller GmbH & Co KG, Huber+Suhner AG, JYFT, LEONI AG, Prysmian SpA, Shanghai KMCable Group Co Ltd, and Sumitomo Electric Industries

Ltd are some of the leading companies operating in the Asia Pacific automotive high voltage cable market.

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